

=> d his

(FILE 'HOME' ENTERED AT 17:25:12 ON 25 AUG 2004)

FILE 'REGISTRY' ENTERED AT 17:25:26 ON 25 AUG 2004

L1 5989692 S TTGACA/SQSN
L2 159 S L1 AND ((GLUTAMAT(S)DEHYDROGENAS?) OR (CITRAT?(S)SYNTHAS?) OR
L3 0 S L2 AND (BREVIS? OR BREVIBACTER? OR CORYNEFORM? OR CORYNEBACT? OR

=> d his

(FILE 'HOME' ENTERED AT 17:14:31 ON 25 AUG 2004)

FILE 'REGISTRY' ENTERED AT 17:14:42 ON 25 AUG 2004

L1 5989692 S TTGACA/SQSN
L2 226 S L1 AND ((GLUTAMAT?(S)DEHYDROGENAS?) OR (CITRAT?(S)SYNTHAS?) O
L3 1 S L2 AND (BREVI? OR BREVIBACTE? OR CORYNEFORM? OR CORYNEBACT? OR

=> d his

(FILE 'HOME' ENTERED AT 17:08:02 ON 25 AUG 2004)

FILE 'REGISTRY' ENTERED AT 17:08:14 ON 25 AUG 2004

L1 5843624 S TTGTCA/SQSN
L2 187 S L1 AND ((GLUTAMA?(S)DEHYDROGENAS?) OR (CITRAT?(S)SYNTHAS?) OR
L3 0 S L2 AND (CORYNEFORM? OR BREVIBACTE? OR BREVI? OR GLUTAMICUM? OR

=> d his

(FILE 'HOME' ENTERED AT 16:59:34 ON 25 AUG 2004)

FILE 'REGISTRY' ENTERED AT 16:59:45 ON 25 AUG 2004

L1 3650582 S TATAAC/SQSN
L2 102 S L1 AND ((GLUTAMA?(S)DEHYDROGEN?) OR (CITRAT?(S)SYNTHAS?) OR (
L3 0 S L2 AND (CORYNEFORM? OR CORYNEBACT? OR GLUTAMICUM? OR BREVIBAC

=> d his

(FILE 'HOME' ENTERED AT 16:46:17 ON 25 AUG 2004)

FILE 'REGISTRY' ENTERED AT 16:46:25 ON 25 AUG 2004

L1 5964672 S TATAAT/SQSN
L2 166 S L1 AND ((GLUTAMAT?(S)DEHYDROG?) OR (CITRAT?(S)SYNTHAS?) OR (I
L3 0 S L2 AND (GLUTAMICU? OR BREVIBACT? OR CORYNEFORM? OR CORYNEBACT
L4 41 S L1 AND (GLUTAMAT?(S)DEHYDROG?)

Welcome to STN International! Enter x:x

LOGINID:sssp1652dmr

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 May 12 EXTEND option available in structure searching
NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent
SDIs in Caplus
NEWS 6 May 27 Caplus super roles and document types searchable in REGISTRY
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and WATER from CSA now available on STN(R)
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resulting in a closer connection to BABS
NEWS 10 Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction
with the 228th ACS National Meeting
NEWS 11 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display
fields
NEWS 12 AUG 02 Caplus and CA patent records enhanced with European and Japan
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NEWS 13 AUG 02 STN User Update to be held August 22 in conjunction with the
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NEWS 15 AUG 04 Pricing for the Save Answers for SciFinder Wizard within
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NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:46:17 ON 25 AUG 2004

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:46:25 ON 25 AUG 2004

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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provided by InfoChem.

STRUCTURE FILE UPDATES: 24 AUG 2004 HIGHEST RN 732209-96-0
DICTIONARY FILE UPDATES: 24 AUG 2004 HIGHEST RN 732209-96-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e tataat/sqsn

'SQSN' IS NOT A VALID EXPAND FIELD CODE FOR FILE 'REGISTRY'
The indicated field code is not available for EXPAND in this
file. To see a list of valid EXPAND field codes, enter HELP
SFIELDS at an arrow prompt (=>).

=> s tataat/sqsn

L1 5964672 TATAAT/SQSN

=>

=> s l1 and ((glutamat?(s)dehydrog?) or (citrat?(s)synthas?) or (isocitra?(s)dehydroge?) or
(pyruv?(s)dehydrog?) or (aconita?))

9080 GLUTAMAT?
43405 DEHYDROG?
552 GLUTAMAT?(S)DEHYDROG?
4626 CITRAT?
26289 SYNTHAS?
490 CITRAT?(S)SYNTHAS?
727 ISOCITRA?
43332 DEHYDROGE?
523 ISOCITRA?(S)DEHYDROGE?
8127 PYRUV?
43405 DEHYDROG?
733 PYRUV?(S)DEHYDROG?
2567 ACONITA?

L2 166 L1 AND ((GLUTAMAT?(S)DEHYDROG?) OR (CITRAT?(S)SYNTHAS?) OR (ISOC
ITRA?(S)DEHYDROGE?) OR (PYRUV?(S)DEHYDROG?) OR (ACONITA?))

=> s l2 and (glutamicu? or brevibact? or coryneform? or corynebact? or arthrobact?)

11900 GLUTAMICU?
520 BREVIBACT?
30 CORYNEFORM?
19308 CORYNEBACT?
726 ARTHROBACT?

L3 0 L2 AND (GLUTAMICU? OR BREVIBACT? OR CORYNEFORM? OR CORYNEBACT?
OR ARTHROBACT?)

=> s l1 and (glutamat?(s)dehydrog?)

9080 GLUTAMAT?
43405 DEHYDROG?
552 GLUTAMAT?(S)DEHYDROG?

L4 41 L1 AND (GLUTAMAT?(S)DEHYDROG?)

=> d sqide 1-4

L4 ANSWER 1 OF 41 REGISTRY COPYRIGHT 2004 ACS on STN
RN 717602-45-4 REGISTRY

CN **DNA (human clone 2887 glutamate dehydrogenase (nicotinamide adenine
dinucleotide (phosphate)) cDNA plus flanks) (9CI) (CA INDEX NAME)**

OTHER NAMES:

CN 92: PN: WO2004058153 SEQID: 93 claimed DNA

FS NUCLEIC ACID SEQUENCE

SQL 2970

NA 818 a 650 c 702 g 800 t

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2951 aaaaaaaaaa aaaaaaaaaa
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HITS AT: 2491-2496

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA Caplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 2 OF 41 REGISTRY COPYRIGHT 2004 ACS on STN
RN 634622-32-5 REGISTRY
CN DNA (Enterococcus faecalis glutamate dehydrogenase gene) (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN 197: PN: WO03102190 SEQID: 339 claimed DNA
FS NUCLEIC ACID SEQUENCE
SQL 1347
NA 431 a 215 c 326 g 375 t

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
=====+	=====
Not Given	WO2003102190
	claimed
	SEQID 339

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201 gcaagatgac cagggcaatt ggcatgtgaa cagaggctat cgtgtccaat
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HITS AT: 250-255

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);

PREP (Preparation); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 3 OF 41 REGISTRY COPYRIGHT 2004 ACS on STN
RN 634622-30-3 REGISTRY
CN DNA (Enterococcus faecalis glutamate dehydrogenase gene) (9CI)
(CA INDEX NAME)

OTHER NAMES:

CN 228: PN: WO03102190 SEQID: 337 claimed DNA
FS NUCLEIC ACID SEQUENCE

SQL 1347
NA 433 a 217 c 320 g 377 t

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	WO2003102190
	claimed
	SEQID 337

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HITS AT: 250-255

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);

PREP (Preparation); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 4 OF 41 REGISTRY COPYRIGHT 2004 ACS on STN

RN 546058-03-1 REGISTRY

CN **DNA (Spironucleus barkhanus strain ATCC50380 gene gdh glutamate
(nicotinamide adenine dinucleotide (phosphate) dehydrogenase N-terminal
fragment-specifying cDNA plus 3'-flank) (9CI) (CA INDEX NAME)**

OTHER NAMES:

CN GenBank AF533884

FS NUCLEIC ACID SEQUENCE

SQL 1399

NA 418 a 321 c 329 g 331 t

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HITS AT: 162-167

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, GENBANK

DT.CA CAPLUS document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s tataac/sqsn

SYSTEM LIMITS EXCEEDED - SEARCH ENDED

The search profile you entered was too complex or gave too many answers. Simplify or subdivide the query and try again. If you have exceeded the answer limit, enter DELETE HISTORY at an arrow prompt (=) to remove all previous answers sets and begin at L1. Use the SAVE command to store any important profiles or answer sets before using DELETE HISTORY.

=> d his

(FILE 'HOME' ENTERED AT 16:46:17 ON 25 AUG 2004)

FILE 'REGISTRY' ENTERED AT 16:46:25 ON 25 AUG 2004

L1 5964672 S TATAAT/SQSN

L2 166 S L1 AND ((GLUTAMAT?(S)DEHYDROG?) OR (CITRAT?(S)SYNTHAS?) OR (I

L3 0 S L2 AND (GLUTAMICU? OR BREVIBACT? OR CORYNEFORM? OR CORYNEBACT

L4 41 S L1 AND (GLUTAMAT?(S)DEHYDROG?)

=> log

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

129.88

130.09

STN INTERNATIONAL LOGOFF AT 16:59:08 ON 25 AUG 2004

Welcome to STN International! Enter x:x

LOGINID:sssp1652dmr

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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STRUCTURE FILE UPDATES: 24 AUG 2004 HIGHEST RN 732209-96-0
DICTIONARY FILE UPDATES: 24 AUG 2004 HIGHEST RN 732209-96-0

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=> s tataac/sqsn
L1 3650582 TATAAC/SQSN

=> s l1 and ((glutama?(s)dehydrogen?) or (citrat?(s)synthas?) or (isocitra?(s)dehydrogenas?)
or (aconita?) or (pyruv?(s)dehydrogenas?))

12809 GLUTAMA?
43321 DEHYDROGEN?
552 GLUTAMA?(S)DEHYDROGEN?
4626 CITRAT?
26289 SYNTHAS?
490 CITRAT?(S)SYNTHAS?
727 ISOCITRA?
43291 DEHYDROGENAS?
522 ISOCITRA?(S)DEHYDROGENAS?
2567 ACONITA?
8127 PYRUV?
43291 DEHYDROGENAS?
733 PYRUV?(S)DEHYDROGENAS?

L2 102 L1 AND ((GLUTAMA?(S)DEHYDROGEN?) OR (CITRAT?(S)SYNTHAS?) OR
(ISOCITRA?(S)DEHYDROGENAS?) OR (ACONITA?) OR (PYRUV?(S)DEHYDROGE
NAS?))

=> s l2 and (coryneform? or corynebact? or glutamicum? or brevibact? or brevi? or
arthrobact?)

30 CORYNEFORM?
19308 CORYNEBACT?
11896 GLUTAMICUM?
520 BREVIBACT?
2666 BREVI?
726 ARTHROBACT?

L3 0 L2 AND (CORYNEFORM? OR CORYNEBACT? OR GLUTAMICUM? OR BREVIBACT?
OR BREVI? OR ARTHROBACT?)

=> d sqide 1-4 l2

L2 ANSWER 1 OF 102 REGISTRY COPYRIGHT 2004 ACS on STN
RN 717602-45-4 REGISTRY
CN DNA (human clone 2887 glutamate dehydrogenase (nicotinamide adenine
dinucleotide (phosphate)) cDNA plus flanks) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 92: PN: WO2004058153 SEQID: 93 claimed DNA
FS NUCLEIC ACID SEQUENCE
SQL 2970
NA 818 a 650 c 702 g 800 t

SEQ 1 tccgcttggtg gccatgtacc gctacctggg cgaagcgctg ttgctgtccc
51 gggccggggcc cgctgccctg ggctcggcgt ccgccgactc ggccgcgttg
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201 accccaactt tttcaagatg gtggagggct tcttcgatcg cggcgccagc
251 atcgtggagg acaagctggt ggaggacctg aggaccggg agagcgagga
301 gcagaagcgg aaccgggtgc gcggcatcct gcggatcatc aagccctgca
351 accatgtgct gagtctctcc ttccccatcc ggcgcgacga cggctcctgg
401 gaggtcatcg aaggctaccg ggcccagcac agccagcacc gcacgccctg

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651 gctttattgg tcctggcatt gatgtgcctg ctccagacat gagcacaggt
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751 ctatgatatt aatgcacacg cctgtgttac tggtaaacc atcagccaag
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1301 ttgaatgctg gaggagtgac agtatcttac tttgagtggc tgaagaatct
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1401 actaccactt gctcatgtct gtccaagaga gtttagaaag aaaatttggg
1451 aagcatgggt gaactattcc cattgtaccc acggcagagt tccaagacag
1501 gatatcgggt gcacatgaga aagacatcgt gcactctggc ttggcataca
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1751 aagtttacat gtaaccacag aaatcccttt ctctcctgac tcattaataa
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1901 cctacaccag agagccattt tggatttttg cttttaataa aaaagcctcc
1951 tttatctggc tgtgcagcct tgctctgtgg cttttcccaa cacaatcagt
2001 gctagtgtcg gggaggaaca gtcaagagca gtcagttgct tgcttatttt
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2151 ttttatatca gcaaaataat tcaattttgc aggttgcaaa caaatataaa
2201 acctgtttct gtttatgaat attattcttt tagaatagaa taagtacatg
2251 ctgctgtaat aaaattgcct ttaatcactt aacaagccta accttgactc
2301 aaacagtga tgcctataga aataataaat gaaaaaact agtattttta
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HITS AT: 1595-1600

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA Caplus document type: Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);
USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 102 REGISTRY COPYRIGHT 2004 ACS on STN

RN 672550-50-4 REGISTRY

CN **DNA (human brain clone pBS-2871b06 8.8-kilodalton aconitase hydratase
sequence homolog cDNA plus flanks) (9CI) (CA INDEX NAME)**

OTHER NAMES:

CN 1: PN: CN1386856 SEQID: 1 claimed DNA

FS NUCLEIC ACID SEQUENCE

SQL 2729

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=> s ttgaca/sqsn
L1 5989692 TTGACA/SQSN

=> s l1 and ((glutamat(s)dehydrogenas?) or (citrat?(s)synthas?) or
(isocitra?(s)dehydrogenas?) or (pyruvat?(s)dehydrogen?) or aconitas?))
UNMATCHED RIGHT PARENTHESIS 'ACONITAS?))'

The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s l1 and ((glutamat(s)dehydrogenas?) or (citrat?(s)synthas?) or
(isocitra?(s)dehydrogenas?) or (pyruvat?(s)dehydrogen?) or aconitas?)
2 GLUTAMAT
43291 DEHYDROGENAS?
0 GLUTAMAT(S)DEHYDROGENAS?
4626 CITRAT?
26289 SYNTHAS?
490 CITRAT?(S)SYNTHAS?
727 ISOCITRA?
43291 DEHYDROGENAS?
522 ISOCITRA?(S)DEHYDROGENAS?
4990 PYRUVAT?
43321 DEHYDROGEN?
730 PYRUVAT?(S)DEHYDROGEN?
86 ACONITAS?
L2 159 L1 AND ((GLUTAMAT(S)DEHYDROGENAS?) OR (CITRAT?(S)SYNTHAS?) OR
(ISOCITRA?(S)DEHYDROGENAS?) OR (PYRUVAT?(S)DEHYDROGEN?) OR ACONI
TAS?)

=> s l2 and (brevis? or brevibacter? or coryneform? or corynebact? or glutamicum? or
anthrobact?)

393 BREVIS?
520 BREVIBACTER?
30 CORYNEFORM?
19308 CORYNEBACT?
11896 GLUTAMICUM?
1 ANTHROBACT?
L3 0 L2 AND (BREVIS? OR BREVIBACTER? OR CORYNEFORM? OR CORYNEBACT?
OR GLUTAMICUM? OR ANTHROBACT?)

=> d his

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L1 5989692 S TTGACA/SQSN
L2 159 S L1 AND ((GLUTAMAT(S)DEHYDROGENAS?) OR (CITRAT?(S)SYNTHAS?) OR
L3 0 S L2 AND (BREVIS? OR BREVIBACTER? OR CORYNEFORM? OR CORYNEBACT?)

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s ttgaca/sqsn

L1 5989692 TTGACA/SQSN

=> s l1 and ((glutamat?(s)dehydrogenas?) or (citrat?(s)synthas?) or
(isocitra?(s)dehydrogenas?) or aconita? or (pyruvat?(s)dehydrogenas?))

9080 GLUTAMAT?
43291 DEHYDROGENAS?
552 GLUTAMAT?(S)DEHYDROGENAS?
4626 CITRAT?
26289 SYNTHAS?
490 CITRAT?(S)SYNTHAS?
727 ISOCITRA?
43291 DEHYDROGENAS?
522 ISOCITRA?(S)DEHYDROGENAS?
2567 ACONITA?
4990 PYRUVAT?
43291 DEHYDROGENAS?
730 PYRUVAT?(S)DEHYDROGENAS?

L2 226 L1 AND ((GLUTAMAT?(S)DEHYDROGENAS?) OR (CITRAT?(S)SYNTHAS?) OR
(ISOCITRA?(S)DEHYDROGENAS?) OR ACONITA? OR (PYRUVAT?(S)DEHYDROGE
NAS?))

=> s l2 and (brevi? or brevibacte? or coryneform? or corynebact? or glutamicu? or
anthrobact?)

2666 BREVI?
520 BREVIBACTE?
30 CORYNEFORM?
19308 CORYNEBACT?
11900 GLUTAMICU?
1 ANTHROBACT?

L3 1 L2 AND (BREVI? OR BREVIBACTE? OR CORYNEFORM? OR CORYNEBACT? OR
GLUTAMICU? OR ANTHROBACT?)

=> d l3 sqide

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 525627-78-5 REGISTRY

CN DNA (Corynebacterium glutamicum clone RXA04174 aconitate hydratase
sequence homolog gene plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 157: PN: W003040681 SEQID: 153 claimed DNA

FS NUCLEIC ACID SEQUENCE

SQL 2959

NA 643 a 937 c 772 g 607 t

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference

=====+=====

Not Given|W02003040681

claimed
SEQID 153

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SEQ      1 ccttttccac agttctgtgg aatgagaatc cgatgttttt ctcacgccgg
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HITS AT: 2427-2432

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 17:14:31 ON 25 AUG 2004)

FILE 'REGISTRY' ENTERED AT 17:14:42 ON 25 AUG 2004

L1 5989692 S TTGACA/SQSN
L2 226 S L1 AND ((GLUTAMAT?(S)DEHYDROGENAS?) OR (CITRAT?(S)SYNTHAS?) O
L3 1 S L2 AND (BREVI? OR BREVIBACTE? OR CORYNEFORM? OR CORYNEBACT? O

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	106.01	106.22

STN INTERNATIONAL LOGOFF AT 17:24:45 ON 25 AUG 2004

Welcome to STN International! Enter x:x

LOGINID:sssptal652dmr

PASSWORD:

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NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent
SDIs in CAPlus
NEWS 6 May 27 CAPlus super roles and document types searchable in REGISTRY
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NEWS 10 Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction
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NEWS 11 AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display
fields
NEWS 12 AUG 02 CAPlus and CA patent records enhanced with European and Japan
Patent Office Classifications
NEWS 13 AUG 02 STN User Update to be held August 22 in conjunction with the
228th ACS National Meeting
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FILE 'HOME' ENTERED AT 17:08:02 ON 25 AUG 2004

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:08:14 ON 25 AUG 2004

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STRUCTURE FILE UPDATES: 24 AUG 2004 HIGHEST RN 732209-96-0
DICTIONARY FILE UPDATES: 24 AUG 2004 HIGHEST RN 732209-96-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
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<http://www.cas.org/ONLINE/DBSS/registryss.html>

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=> s ttgtca/sqsn
L1      5843624 TTGTCA/SQSN
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=> s l1 and (glutama?(s)dehydrogenas?) or (citrat?(s)synthas?) or
(isocitrat?(s)dehydrogenas?) or aconit? or (pyruvat?(s)dehydrogenas?))
UNMATCHED RIGHT PARENTHESIS 'DROGENAS?))'
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The number of right parentheses in a query must be equal to the
number of left parentheses.

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(isocitrat?(s)dehydrogenas?) or aconit? or (pyruvat?(s)dehydrogenas?))
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43291 DEHYDROGENAS?
552 GLUTAMA?(S)DEHYDROGENAS?
4626 CITRAT?
26289 SYNTHAS?
490 CITRAT?(S)SYNTHAS?
720 ISOCITRAT?
43291 DEHYDROGENAS?
522 ISOCITRAT?(S)DEHYDROGENAS?
2837 ACONIT?
4990 PYRUVAT?
43291 DEHYDROGENAS?
730 PYRUVAT?(S)DEHYDROGENAS?
L2      187 L1 AND ((GLUTAMA?(S)DEHYDROGENAS?) OR (CITRAT?(S)SYNTHAS?) OR
(ISOCITRAT?(S)DEHYDROGENAS?) OR ACONIT? OR (PYRUVAT?(S)DEHYDROGE
NAS?))
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=> s l2 and (coryneform? or brevibacte? or brevi? or glutamicum? or corynebacte? or
arthrobact?)
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30 CORYNEFORM?
520 BREVIBACTE?
2666 BREVI?
11896 GLUTAMICUM?
19306 CORYNEBACTE?
726 ARTHROBACT?
L3      0 L2 AND (CORYNEFORM? OR BREVIBACTE? OR BREVI? OR GLUTAMICUM? OR
CORYNEBACTE? OR ARTHROBACT?)
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=> d sqide l2 1-3
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L2      ANSWER 1 OF 187 REGISTRY COPYRIGHT 2004 ACS on STN
RN      713253-17-9 REGISTRY
CN      DNA (Arabidopsis thaliana citrate synthase cDNA plus flanks) (9CI)
(CA INDEX NAME)
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OTHER NAMES:

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CN      1: PN: WO2004056968 SEQID: 1 claimed DNA
FS      NUCLEIC ACID SEQUENCE
SQL     1545
NA      393 a 331 c 395 g 426 t
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HITS AT: 1345-1350

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 187 REGISTRY COPYRIGHT 2004 ACS on STN

RN 713252-98-3 REGISTRY

CN DNA (Arabidopsis thaliana aconitate hydratase cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 1: PN: WO2004056967 SEQID: 1 claimed DNA

FS NUCLEIC ACID SEQUENCE

SQL 3214

NA 888 a 639 c 778 g 909 t

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HITS AT: 485-490, 2306-2311, 3028-3033

MF Unspecified

CI MAN

SR CA

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PRP (Properties); USES (Uses)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 187 REGISTRY COPYRIGHT 2004 ACS on STN

RN 686221-23-8 REGISTRY

CN DNA (*Euglena gracilis* strain SAG1224-5/25 gene pdh pyruvate dehydrogenase E1 .alpha. subunit cDNA plus flanks) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN GenBank AJ620469

FS NUCLEIC ACID SEQUENCE

SQL 1586

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HITS AT: 1361-1366

MF Unspecified

CI MAN

SR GenBank

LC STN Files: CA, CAPLUS, GENBANK

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d his

(FILE 'HOME' ENTERED AT 17:08:02 ON 25 AUG 2004)

FILE 'REGISTRY' ENTERED AT 17:08:14 ON 25 AUG 2004

L1 5843624 S TTGTCA/SQSN

L2 187 S L1 AND ((GLUTAMA?(S)DEHYDROGENAS?) OR (CITRAT?(S)SYNTHAS?) OR

L3 0 S L2 AND (CORYNEFORM? OR BREVIBACTE? OR BREVI? OR GLUTAMICUM? O

=> log

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

114.91

115.12

STN INTERNATIONAL LOGOFF AT 17:14:06 ON 25 AUG 2004